

FIG. 1

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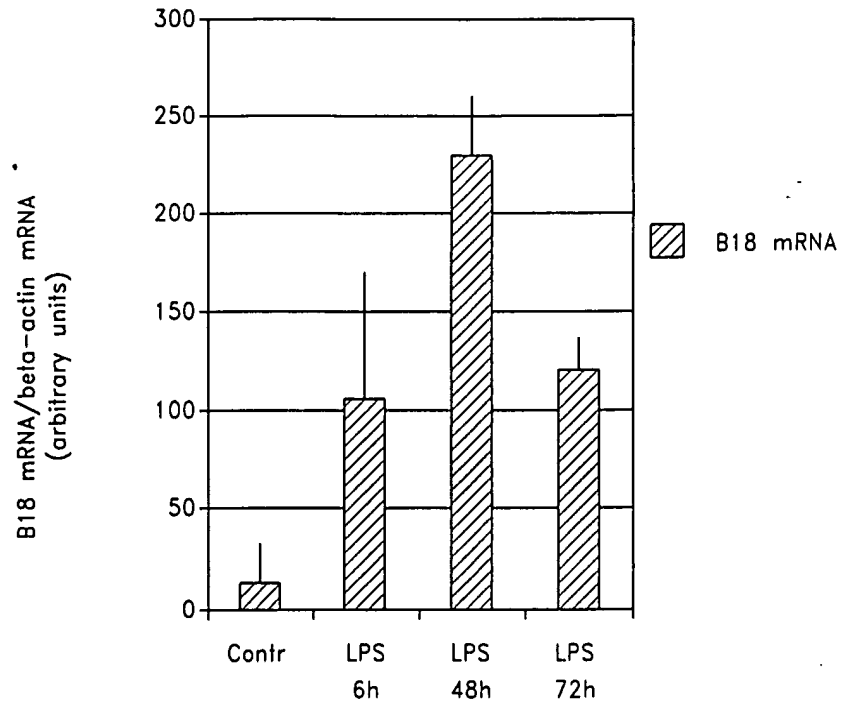


FIG. 2

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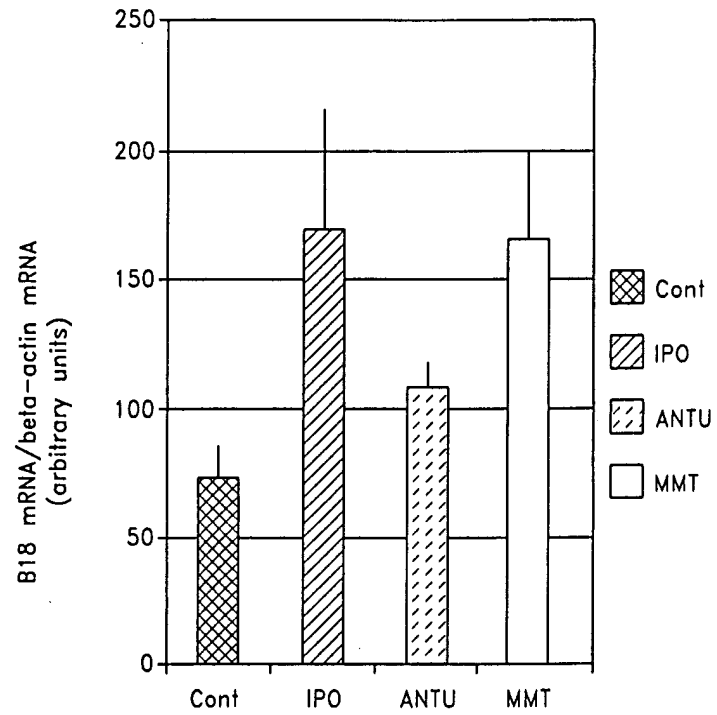
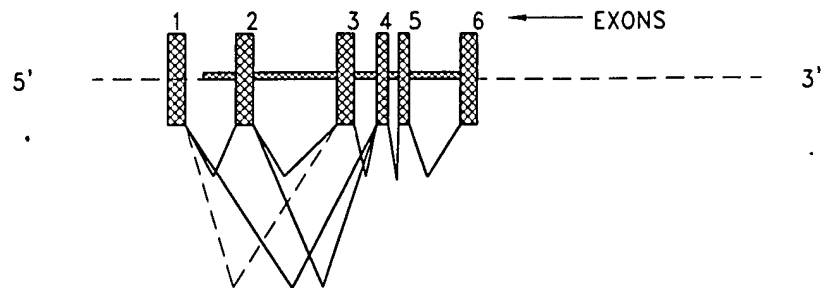


FIG. 3

Gene (chromosome 11q12-13)



mRNAs

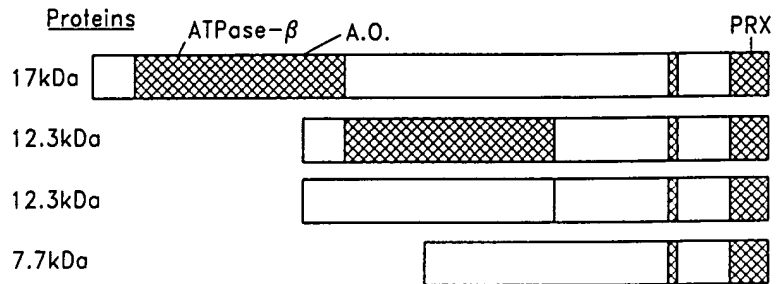
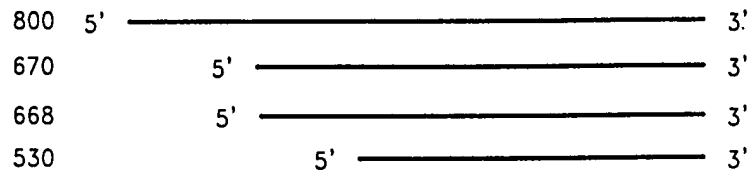


FIG. 4

B18hum GCGGTCAGTCTGCGGCAGCGGCAGCAAGACGGTGCAGTGAAGGAGAGTGG
B18rat -----GTGCGTGGCAGGCAGAGCAGGCCGG---AAAGGAGCAGGTTGG
 ** * ***** ***** * *** * * * * * ***

FIG. 5A

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```
B18hum GCGTCTGGCGGGGTCCGCAGTTTCAGCAGAGCCGCTGCAGCCATGGCCCC
B18rat GAGTGTGGTGGGGCCCGCAGCTTCAGCAGTGCCGCGGTGACTATGGCCCC
      * * * * *
B18hum AATCAAGGTGGGAGATGCCATCCCAGCAGTGGAGGTGTTTGAAGGGGAGC
B18rat GATCAAGGTGGGAGACACCATTCCCTCAGTGGAGGTATTTGAAGGGGAAC
      * * * * *
B18hum CAGGGAACAAGGTGAACCTGGCAGAGCTGTTCAAGGGCAAGAAGGGTGTG
B18rat CTGGAAAGAAGGTGAACCTGGCAGAGCTGTTCAAGGACAAGAAGGTGTG
      * * * * *
B18hum CTGTTTGGAGTTCCTGGGGCCTTCACCCCTGGATGTTCCAAGACACACCT
B18rat TTGTTTGGAGTCCCTGGGGCATTACACCTGGCTGTTCCAAGACCCATCT
      * * * * *
B18hum GCCAGGGTTTGTGGAGCAGGCTGAGGCTCTGAAGGCCAAGGGAGTCCAGG
B18rat GCCTGGGTTTGTGGAGCAAGCCGGAGCTCTGAAGGCCAAGGGAGCACAAG
      * * * * *
B18hum TGGTGGCCTGTCTGAGTGTTAATGATGCCTTTGTGACTGGCGAGTGGGGC
B18rat TGGTGGCCTGTCTGAGTGTTAATGATGTCTTCGTGACTGCAGAGTGGGGT
      * * * * *
B18hum CGAGCCCACAAGGCGGAAGGCAAGGTTCCGGCTCCTGGCTGATCCCACTGG
B18rat CGAGCCCACCAGGCAGAAGGCAAGGTTCCAGCTCCTGGCTGACCCCACTGG
      * * * * *
B18hum GGCCTTTGGAAGGAGACAGACTTATTACTAGATGATTGCTGGTGTCCA
B18rat AGCTTTTGGAAAGGAGACAGATTTACTACTAGATGATTCTTTGGTGTCTC
      * * * * *
B18hum TCTTTGGGAATCGACGTCTCAAGAGGTTCTCCATGGTGGTACAGGATGGC
B18rat TCTTTGGGAATCGTCCGGCTAAAAGGTTCTCCATGGTGATAGACAAGGGC
      * * * * *
B18hum ATAGTGAAGGCCCTGAATGTGGAACCAGATGGCACAGGCCTCACCTGCAG
B18rat GTAGTAAAGGCACTGAACGTGGAGCCGGATGGCACAGGCCTCACCTGCAG
      * * * * *
B18hum CCTGGCACCCAATATCATCTCACAGCTCTGAGGCCCTGGGCCAGATTACT
B18rat CCTGGCCCCCAACATCTCTCACAACCTCTGAGGCCCTGA-CCAGA--ATG
      * * * * *
B18hum TCCTCCACCCCTCCCTATCTCACCTGCCAGCCCTGTGCTGG-GGCCCTG
B18rat TCCTCTGACTCTCCC-ATCTCCTCCACCCAGCTCTGGGCCAAAGGCCAG
      * * * * *
B18hum CA-----ATTGGAATG-----TTGGCCAGATTTCTGC
      TACCTCCTTACCTGAGGGCCACTGGAATGGAACCTTGACAATATTTCTGC
      * * * * *
B18hum AATAAACACTTGTGGTTTGCAGAAAAA-----
B18rat AATAAACAGTT-TAATTTGTGAAAAA-----
      * * * * *
```

FIG. 5B

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CLUSTAL V alignment of human and mouse cDNA sequences
(identity:552/675, 81.8%)

```
B18hum  GCCAGGAGGCGGAGTGGAAAGTGCCCGTGGGGCGGGTATGGGACTAGCTGG
B18mouse -----

B18hum  CGTGTGCGCCCTGAGACGCTCAGCGGGCTATATACTCGTCGGTGGGGCCG
B18mouse -----TGCTCCGTG-----CATCGACGTGCTTG
          **** * * * * * * * * * *

B18hum  GCGGTCACTCTGCGGCAGCGGCAGCAAGACGGTGCAGTGAAGGAGAGTGG
B18mouse GCAGGCAG-----AGCAGGCCGG--AAAGAAGCAGGTTGG
          * * * * * * * * * * * * * * * *

B18hum  GCGTCTGGCGGGGTCCGCAGTTTCAGCAGAGCCGCTGCAGCCATGGCCCC
B18mouse GAGTGTGGCGGAGCCCGCAGCTTCAGCAGCTCCGCGGTGACCATGGCCCC
          * * * * * * * * * * * * * * * *

B18hum  AATCAAGGTGGGAGATGCCATCCCAGCAGTGGAGGTGTTTGAAGGGGAGC
B18mouse GATCAAGGTGGGAGATGCCATTCCCTCAGTGGAGGTATTTGAAGGGGAAC
          * * * * * * * * * * * * * * * *

B18hum  CAGGGAACAAGGTGAACCTGGCAGAGCTGTTCAAGGGCAAGAAGGGTGTG
B18mouse CGGGAAGAAGGTGAACCTGGCAGAGCTGTTCAAGGGCAAGAAGGTGTT
          * * * * * * * * * * * * * * * *

B18hum  CTGTTTGGAGTTCCTGGGGCCTTCACCCCTGGATGTTCCAAGACACACCT
B18mouse TTGTTTGGAGTCCCTGGGGCATTACACCTGGCTGTTCTAAGACCCACCT
          * * * * * * * * * * * * * * * *

B18hum  GCCAGGGTTTGTGGAGCAGGCTGAGGCTCTGAAGGCCAAGGGAGTCCAGG
B18mouse GCCTGGGTTTGTGGAGCAAGCTGGAGCTCTGAAGGCTAAGGGAGCGCAGG
          * * * * * * * * * * * * * * * *

B18hum  TGGTGGCCTGTCTGAGTGTTAATGATGCCTTTGTGACTGGCGAGTGGGGC
B18mouse TGGTGGCCTGTCTGAGCGTTAATGACGCTCTTGTGATTGAAGAGTGGGGT
          * * * * * * * * * * * * * * * *

B18hum  CGAGCCCACAAGGCGGAAGGCAAGGTTCGGCTCCTGGCTGATCCCACTGG
B18mouse CGAGCCCACCAGGCAGAAGGCAAGGTTCGGCTCCTGGCTGACCCCACTGG
          * * * * * * * * * * * * * * * *

B18hum  GGCCTTTGGGAAGGAGACAGACTTATTACTAGATGATTGCTGGTGTCCA
B18mouse AGCCTTTGGGAAGGCGACAGACTTATTATTGGATGATTCTTTGGTGTCTC
          * * * * * * * * * * * * * * * *

B18hum  TCTTTGGGAATCGACGTCTCAAGAGGTTCTCCATGGTGATAGGATGGC
B18mouse TCTTTGGGAATCGTCGGCTGAAAAGGTTCTCCATGGTGATAGACAACGGC
          * * * * * * * * * * * * * * * *

B18hum  ATAGTGAAGGCCCTGAATGTGGAACCAGATGGCACAGGCCTCACCTGCAG
B18mouse ATAGTGAAGGCACTGAACGTGGAGCCAGATGGCACAGGCCTCACCTGCAG
          * * * * * * * * * * * * * * * *

B18hum  CCTGGCACCCAATATCATCTCACAGCTCTGAGGCCCTGGGCCAGATTACT
B18mouse CCTGGCCCCCAACATCTCTCCCACTCTGAGGCCCTGG--CCAGATG---
          * * * * * * * * * * * * * * * *

B18hum  TCCTCCACCCCTCCCTATCTCACCTGCCAGCCCTGTGCTGGGGCCCTGC
B18mouse TCCTCTGACTCTCCC-ATCTCTCCACCCGGCTCT-----AGGCC----
          * * * * * * * * * * * * * * * *

B18hum  AATTGGAATGTTGGCCAGATTTCTGCAATAAACACTTGTGGTTTGGCGAA
B18mouse ----AAAGGCTCGGTACCTCCTTACTGGGAGC-CACGT-----
          * * * * * * * * * * * * * * * *
```

FIG. 5C

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FIG. 8A

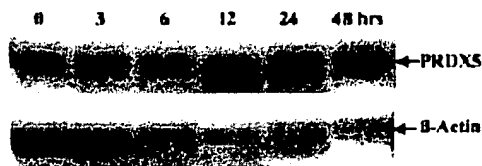


FIG. 8B

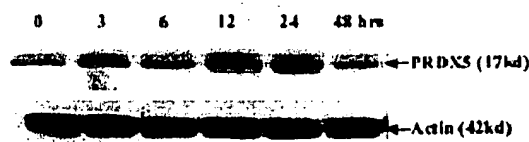
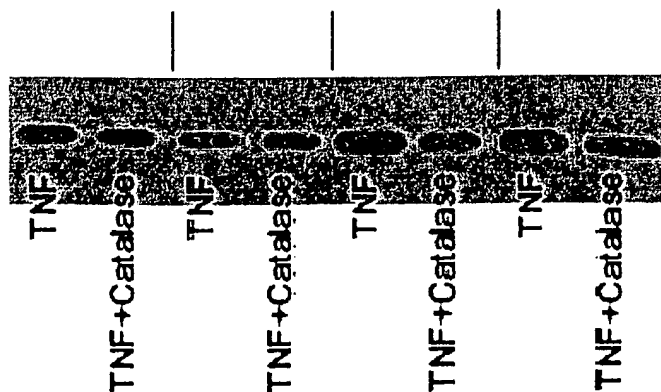
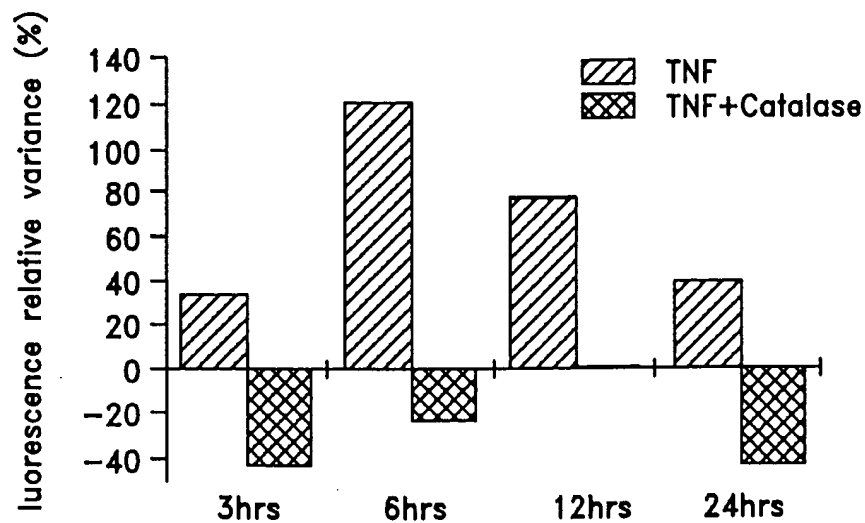


FIG. 9A



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FIG. 6A

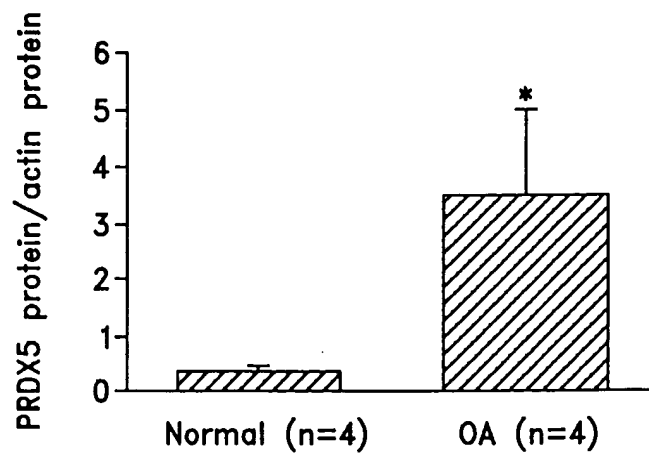
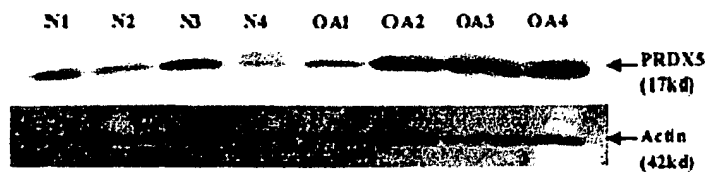


FIG. 6B

FIG. 7A

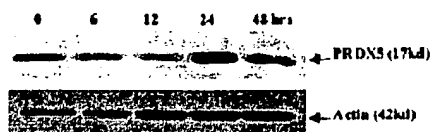
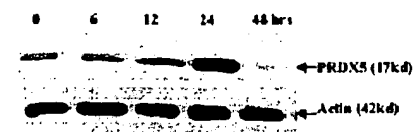


FIG. 7B



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FIG. 10A

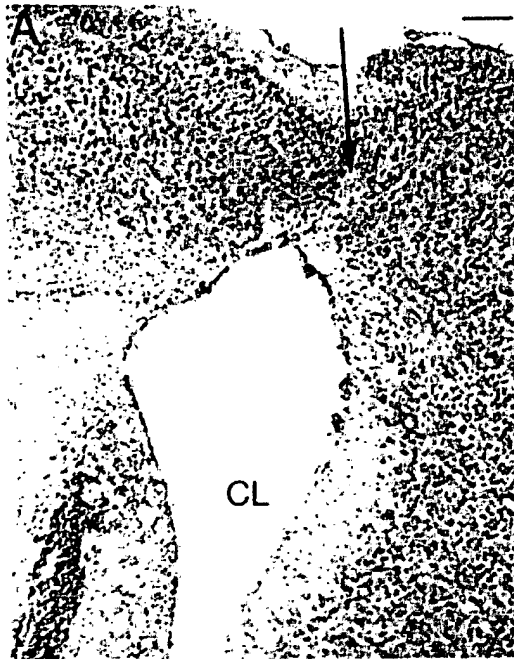


FIG. 10B



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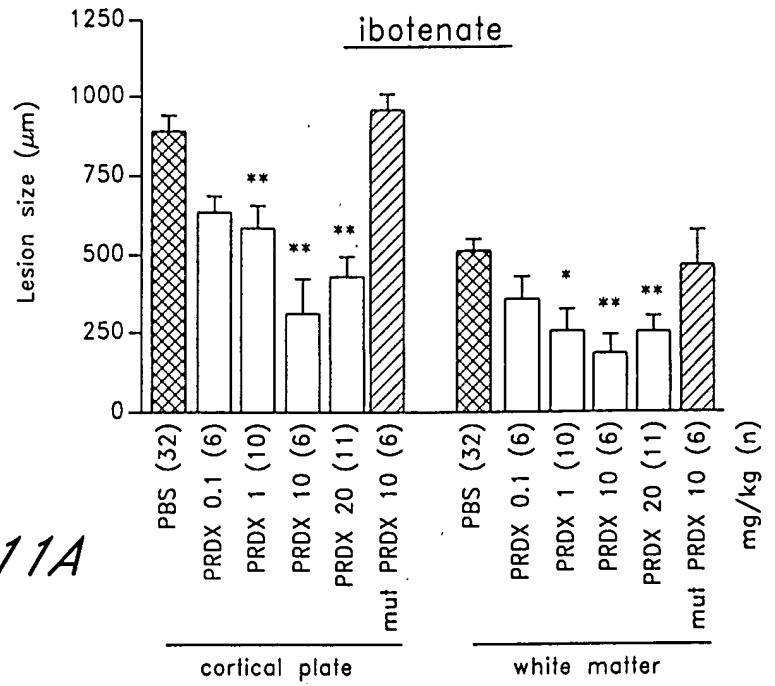


FIG. 11A

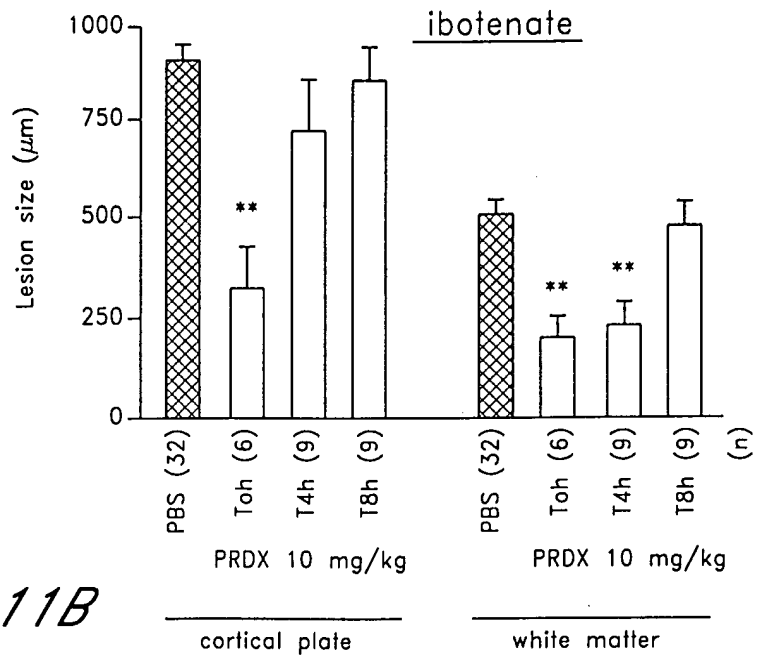


FIG. 11B

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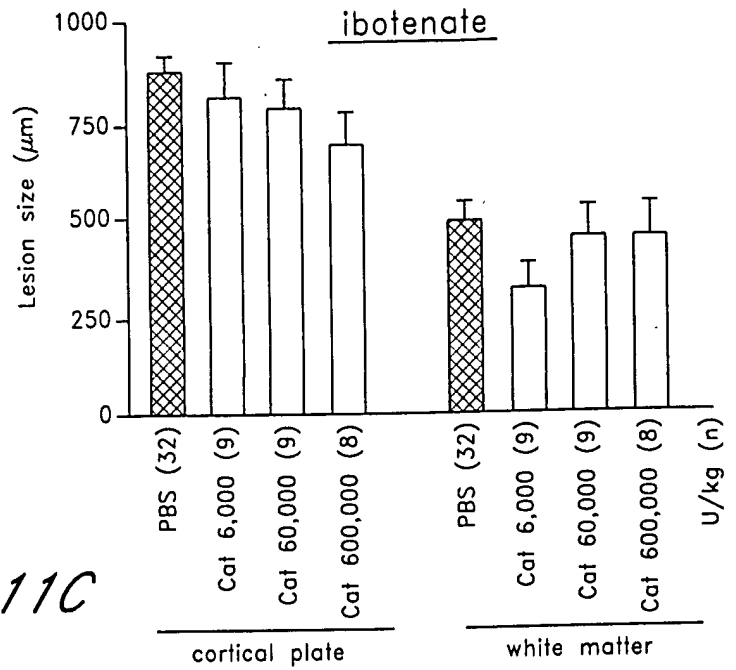


FIG. 11C

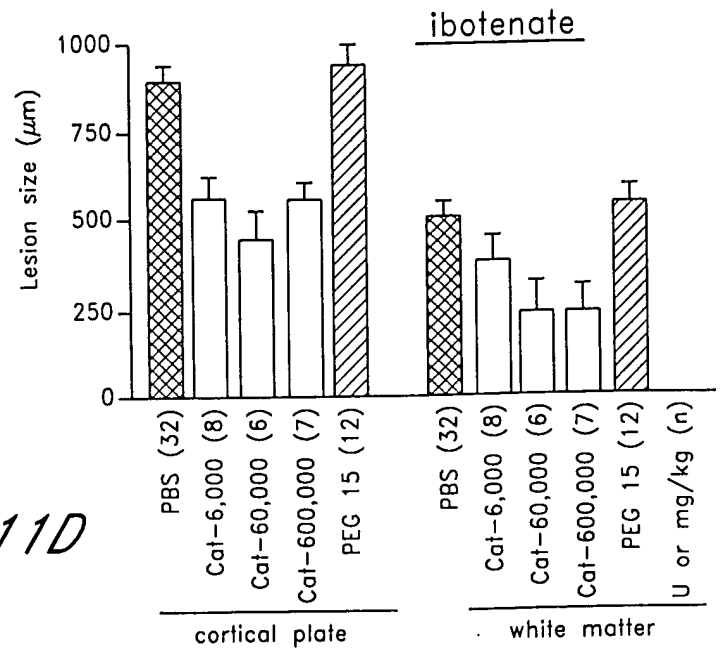


FIG. 11D

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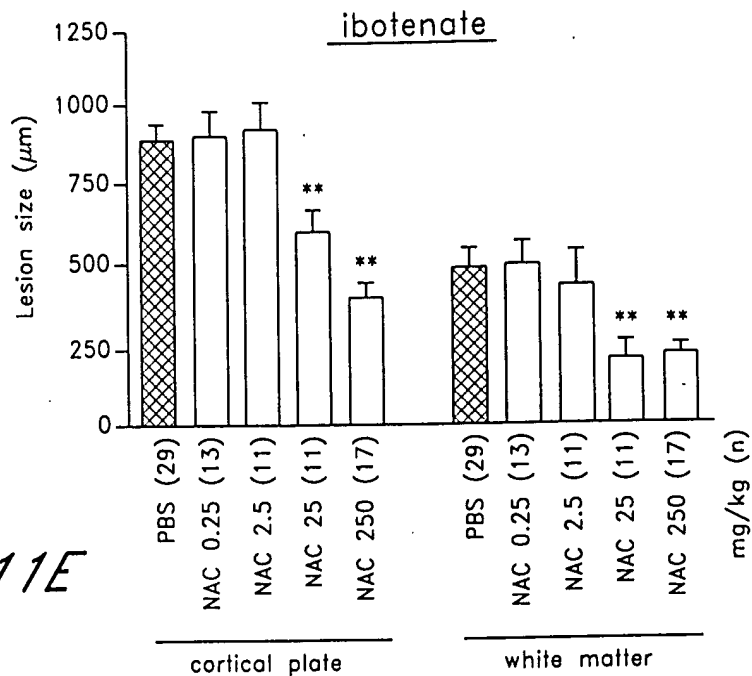


FIG. 11E

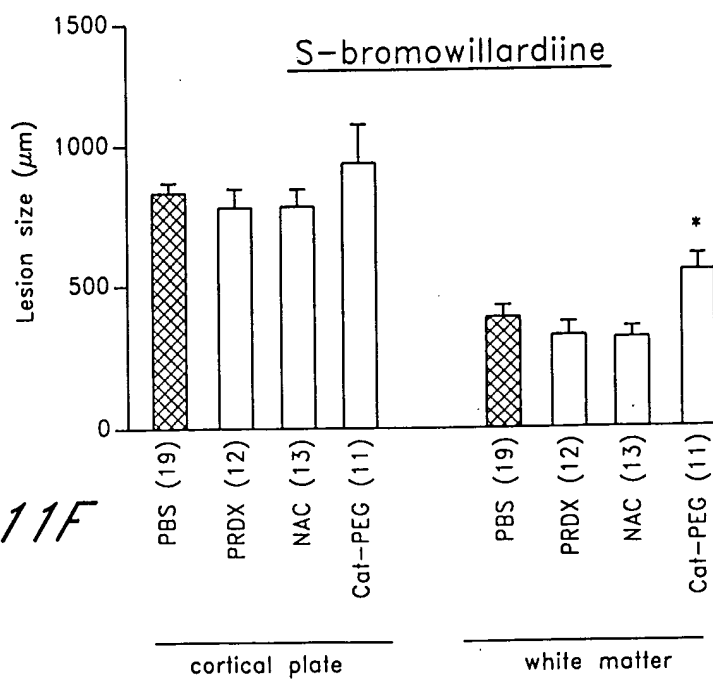


FIG. 11F

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FIG. 12A



FIG. 12B

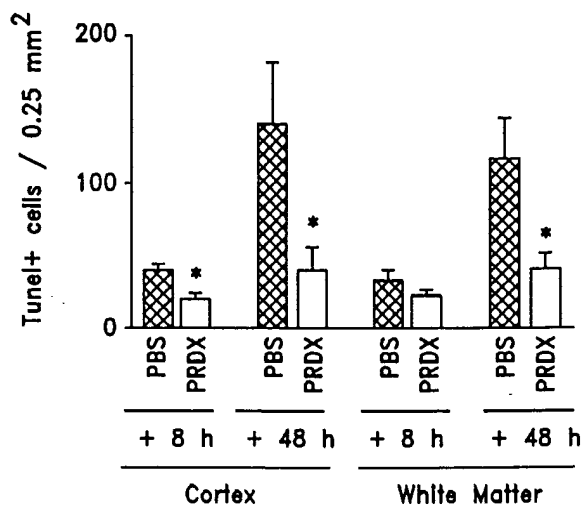


FIG. 12C

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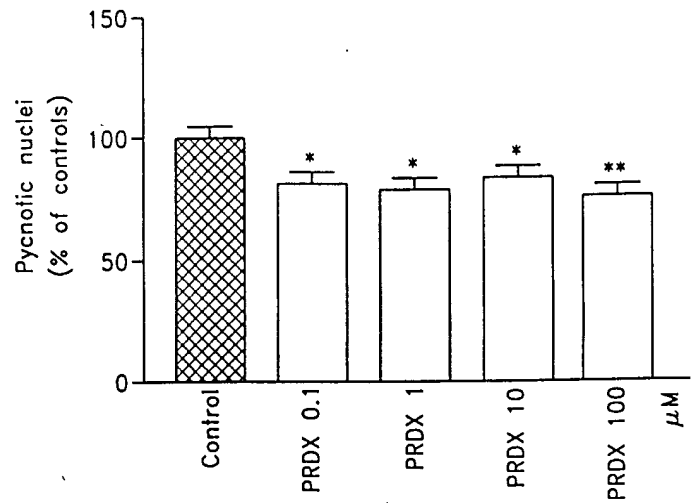


FIG. 13A

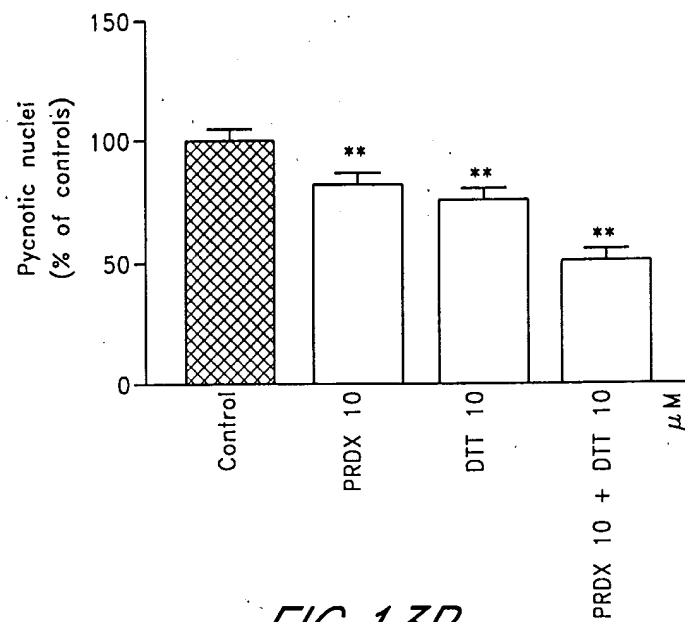


FIG. 13B

PEROXISOME-ASSOCIATED POLYPEPTIDE...

Bernard Knoops, et al.

Appl. No.: Unknown Atty. Docket: DECLE30.001CP1

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FIG. 14A 2



FIG. 14B 2



FIG. 14A 1

FIG. 14B 1

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